

Applicant: Ken Tsuzuki et al.

Confirmation No.: 8452

Serial No.: 10/523,665

Att'y Docket No.: 14321.64

Filing Date: February 4, 2005

Art Unit: 2873

For: SEMICONDUCTOR OPTICAL CONVERTER

2nd SUPPLEMENTAL INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANTU.S. Patent Documents

Examiner <u>Initial*</u>	Document <u>Number</u>	Issue <u>Date</u>	<u>Name</u>
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Foreign Patent Documents

Examiner <u>Initial*</u>	Document <u>Number</u>	Publication <u>Date</u>	Country or <u>Patent Office</u>	<u>Translation</u>
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Other Documents

(including author, title, pertinent pages, etc.)

Examiner
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- _____ 1 S. Zumkley et al., *Vertical n-i-n Multiple-Quantum-Well Electrooptical Modulators for High-Speed Applications*, IEEE Photonics Technology Letters, IEEE Service Center, Piscataway, NJ, Vol. 5, No. 2, February 1, 1993, pp. 178-180.
- _____ 2 Ewa M. Goldys et al., *Operation and Theoretical Analysis of the Multiple Asymmetric Coupled Quantum-Well Light Modulator in the n-i-n Configuration*, IEEE Journal of Quantum Electronics, IEEE Service Center, Piscataway, NJ, Vol. 33, No. 7, July 1997, pp. 1084-1088.
- _____ 3 Won-Sun Cho et al., *Analysis of Traveling-wave Coplanar Waveguide MQW Electro-absorption Modulator Using the 3D Finite-Difference Time-Domain Method*, Proc SPIE Int Soc Opt Eng; Proceedings of SPIE – the International Society for Optical Engineering 1999 Society of Photo-Optical Instrumentation Engineers, Bellingham, WA, Vol. 3625, 1999, pp. 198-206.
- _____ 4 K. Tsuzuki et al., *40 Gbit/s n-i-n InP Mach-Zehnder Modulator with a π Voltage of 2.2 V*, Electronics Letters, Vol. 39, No. 20, October 22, 2003, pp. 1464-1466.

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References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

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The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

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